



**TROPICAL CYCLONE ADVISORY NO. 4**

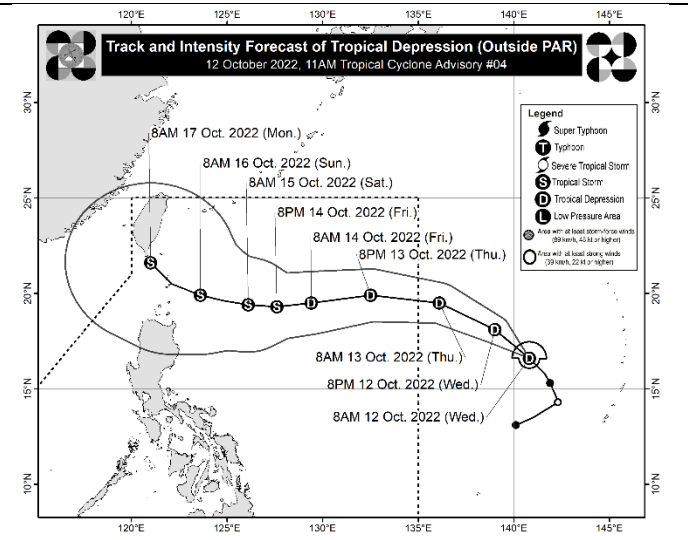
**Tropical Depression**

Issued at 11:00 AM, 12 October 2022

Valid for broadcast until the next advisory at 11:00 PM today

**THE TROPICAL DEPRESSION IS NOW MOVING NORTHWESTWARD WHILE MAINTAINING ITS STRENGTH**

<b>Location of Center (10:00 AM)</b>
The center of the Tropical Depression was estimated based on all available data at <b>1,980 km East of Northern Luzon (17.2°N, 140.4°E)</b>
<b>Intensity</b>
Maximum sustained winds of <b>45 km/h</b> near the center, gustiness of up to <b>55 km/h</b> , and central pressure of <b>1004 hPa</b>
<b>Present Movement</b>
<b>Northwestward at 20 km/h</b>
<b>Extent of Tropical Cyclone Winds</b>
<b>Strong winds</b> extend outwards up to <b>100 km</b> from the center



**TRACK AND INTENSITY FORECAST**

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
<b>12-Hour Forecast</b> 8:00 PM 12 October 2022	18.1	139.0	1,825 km East of Northern Luzon (Outside the PAR)	45	TD	NW 20
<b>24-Hour Forecast</b> 8:00 AM 13 October 2022	19.5	136.1	1,535 km East of Extreme Northern Luzon (Outside the PAR)	45	TD	WNW 30
<b>36-Hour Forecast</b> 8:00 PM 13 October 2022	19.9	132.5	1,160 km East of Extreme Northern Luzon	45	TD	W 30
<b>48-Hour Forecast</b> 8:00 AM 14 October 2022	19.5	129.4	835 km East of Extreme Northern Luzon	55	TD	W 25
<b>60-Hour Forecast</b> 8:00 PM 14 October 2022	19.3	127.6	645 km East of Calayan, Cagayan	65	TS	W 15
<b>72-Hour Forecast</b> 8:00 AM 15 October 2022	19.4	126.1	485 km East of Calayan, Cagayan	75	TS	W 15
<b>96-Hour Forecast</b> 8:00 AM 16 October 2022	19.9	123.6	180 km East Southeast of Basco, Batanes	75	TS	WNW 10
<b>120-Hour Forecast</b> 8:00 AM 17 October 2022	21.6	121.0	125 km Northwest of Itbayat, Batanes	75	TS	NW 15

Prepared by: SMRR

Checked by: CFP



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#### **GENERAL OUTLOOK FOR THE FORECAST PERIOD**

- The Tropical Depression is forecast to continue moving northwestward in the next 24 hours. On the track forecast, the tropical cyclone may enter the PAR region on Thursday (13 October) morning or afternoon. After it enters the PAR, the Tropical Depression will move westward towards the Extreme Northern Luzon.
- This tropical cyclone may intensify while moving over the Philippine Sea and may reach tropical storm category by Friday. Further intensification is not ruled out.
- Current track and intensity forecast shows that there is a high likelihood that Tropical Cyclone Wind Signals will be hoisted over Batanes and several provinces in Northern Luzon. The highest possible wind signal that may be hoisted is TCWS #2.
- The passage of this tropical cyclone over Extreme Northern Luzon may bring heavy rainfall over the area beginning Saturday (15 October). Furthermore, the tropical cyclone may also bring rough to very rough seas over the northern and eastern seaboard of Luzon beginning late Friday (14 October) or Saturday. Such condition may be risky for those using small seacrafts. Mariners are advised to continue monitoring for updates.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to continue monitoring for updates related to this tropical cyclone.

Unless an intermediate advisory or initial tropical cyclone bulletin is released, the next tropical cyclone advisory will be issued at 11:00 PM today.

**DOST-PAGASA**